

ABSTRACT

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4       A radially symmetrical optoelectric module includes a  
5 receptacle assembly with a symmetrical tubular ferrule and a  
6 first lens. The ferrule defines an axial opening extending  
7 along an optical axis. The ferrule is formed radially  
8 symmetrical about the optical axis with the first lens  
9 engaged in the ferrule along the optical axis. One end of  
10 the ferrule is formed to receive an end of an optical fiber  
11 such that the end is positioned along the optical axis and  
12 adjacent the first lens. An optoelectric package includes an  
13 optoelectric device and a second lens. The second lens is  
14 positioned adjacent the optoelectric device and positioned  
15 along the optical axis so that light traveling along the  
16 optical axis appears at the optoelectric device and passes  
17 through the second lens.